

WHAT IS CLAIMED IS:

1. A subscriber profile changing method of changing at  
an exchange a subscriber profile of a mobile terminal  
5 present in a service area of the exchange, said method  
comprising the steps of:

receiving from said mobile terminal, a request to  
change said subscriber profile;

- changing said subscriber profile on the basis of said  
10 change request and retaining the changed subscriber  
profile; and

retaining information indicating that said  
subscriber profile has been changed.

- 15 2. A subscriber profile updating method of updating a  
subscriber profile of a mobile terminal in a mobile  
communication system comprising exchanges and a home  
memory station, when the mobile terminal, which is present  
in a service area of a first exchange, moves to a service  
20 area of a second exchange, said method comprising the steps  
of:

if said subscriber profile as retained by the first  
exchange is changed while said mobile terminal is present  
in the service area of said first exchange,

- 25 transmitting the subscriber profile from said  
first exchange to said home memory station; and  
updating, at said home memory station, said

subscriber profile as retained thereby to said subscriber profile as received thereby;

deleting, at said first exchange, said subscriber profile as retained thereby;

5 transmitting said subscriber profile from said home memory station to said second exchange; and

retaining, at said second exchange, said subscriber profile as received thereby.

10 3. A subscriber profile updating method of updating a subscriber profile of a mobile terminal in a mobile communication system comprising an exchange and a home memory station, said method comprising the steps of:

15 if said subscriber profile as retained by the exchange is changed while said mobile terminal is present in a service area of said exchange,

transmitting the subscriber profile from said exchange to said home memory station; and

20 updating, at said home memory station, said subscriber profile as retained thereby to said subscriber profile as received thereby; and

deleting, at said exchange, said subscriber profile as retained thereby.

25 4. An exchange comprising:

means for receiving from a mobile terminal present in a service area of the exchange, a request to change a

subscriber profile of the mobile terminal;

means for changing said subscriber profile on the basis of said change request and retaining the changed subscriber profile; and

5 means for retaining information indicating that said subscriber profile has been changed.

5. A mobile communication system comprising exchanges and a home memory station,

10 one of said exchanges comprising:

means for transmitting a subscriber profile of a mobile terminal to said home memory station if the mobile terminal, which is present in a service area of said one of said exchanges, moves to a service area of another exchange and if the subscriber profile of said mobile terminal as retained by said one of said exchanges is changed while said mobile terminal is present in the service area of said one of said exchanges;

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means for deleting the subscriber profile of said mobile terminal as retained by said one of said exchanges if said mobile terminal, which is present in the service area of said one of said exchanges, moves to a service area of another exchange;

20

means for receiving the subscriber profile of said mobile terminal from said home memory station if said mobile terminal, which is present in a service area of another exchange, moves to the service area of said one

25

of said exchanges; and

means for retaining the subscriber profile of said mobile terminal as received by said one of said exchange if said mobile terminal, which is present in a service area of another exchange, moves to the service area of said one of said exchanges, and

said home memory station comprising:

means for receiving the subscriber profile of said mobile terminal from a first exchange if said mobile terminal, which is present in a service area of the first exchange, moves to a service area of a second exchange and if the subscriber profile of said mobile terminal as retained by said first exchange is changed while said mobile terminal is present in the service area of said first exchange;

means for updating said subscriber profile as retained by the home memory station to said subscriber profile as received by the home memory station if said mobile terminal, which is present in the service area of said first exchange, moves to the service area of said second exchange and if the subscriber profile of said mobile terminal as retained by said first exchange is changed while said mobile terminal is present in the service area of said first exchange; and

means for transmitting the subscriber profile of said mobile terminal to said second exchange if said mobile terminal, which is present in the service area of

said first exchange, moves to the service area of said second exchange.

6. An exchange for use in a mobile communication system  
5 comprising said exchange and a home memory station, said exchange comprising:

means for transmitting a subscriber profile of a mobile terminal to said home memory station if the mobile terminal, which is present in a service area of said  
10 exchange, moves to a service area of another exchange and if the subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is present in the service area of said exchange;

means for deleting the subscriber profile of said  
15 mobile terminal as retained by said exchange if said mobile terminal, which is present in the service area of said exchange, moves to a service area of another exchange;

means for receiving the subscriber profile of said mobile terminal from said home memory station if said  
20 mobile terminal, which is present in a service area of another exchange, moves to the service area of said exchange; and

means for retaining the subscriber profile of said mobile terminal as received by said exchange if said  
25 mobile terminal, which is present in a service area of another exchange, moves to the service area of said exchange.

7. A home memory station for use in a mobile communication system comprising exchanges and said home memory station, said home memory station comprising:

5 means for receiving a subscriber profile of a mobile terminal from a first exchange if the mobile terminal, which is present in a service area of the first exchange, moves to a service area of a second exchange and if the subscriber profile of said mobile terminal as retained by  
10 said first exchange is changed while said mobile terminal is present in the service area of said first exchange;

means for updating said subscriber profile as retained by the home memory station to said subscriber profile as received by the home memory station if said  
15 mobile terminal, which is present in the service area of said first exchange, moves to the service area of said second exchange and if the subscriber profile of said mobile terminal as retained by said first exchange is changed while said mobile terminal is present in the  
20 service area of said first exchange; and

means for transmitting the subscriber profile of said mobile terminal to said second exchange if said mobile terminal, which is present in the service area of said first exchange, moves to the service area of said second  
25 exchange.

8. A mobile communication system comprising an exchange

and a home memory station,

said exchange comprising:

means for transmitting a subscriber profile of  
a mobile terminal to said home memory station if the  
5 subscriber profile of said mobile terminal as retained by  
said exchange is changed while said mobile terminal is  
present in the service area of said exchange; and

means for deleting the subscriber profile of  
said mobile terminal as retained by said exchange, and

10 said home memory station comprising:

means for receiving the subscriber profile of  
said mobile terminal from said exchange if the subscriber  
profile of said mobile terminal as retained by said  
exchange is changed while said mobile terminal is present  
15 in the service area of said exchange; and

means for updating said subscriber profile as  
retained by the home memory station to said subscriber  
profile as received by the home memory station if the  
subscriber profile of said mobile terminal as retained by  
20 said exchange is changed while said mobile terminal is  
present in the service area of said exchange.

9. A exchange for use in a mobile communication system  
comprising said exchange and a home memory station, said  
25 exchange comprising:

means for transmitting a subscriber profile of a  
mobile terminal to said home memory station if the

subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is present in the service area of said exchange; and

means for deleting the subscriber profile of said  
5 mobile terminal as retained by said exchange.

10. A home memory station for use in a mobile communication system comprising an exchange and said home memory station, said home memory station comprising:

10 means for receiving a subscriber profile of a mobile terminal from said exchange if the subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is present in the service area of said exchange; and

15 means for updating said subscriber profile as retained by the home memory station to said subscriber profile as received by the home memory station if the subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is  
20 present in the service area of said exchange.